

AMENDMENT TO THE CLAIMS

Claims 1-27 Cancelled

28. (Currently Amended) A method of testing a storage battery, comprising:

querying an operator with a query regarding a—an observable physical characteristic of the battery;  
receiving a query response from the operator related to the observable physical characteristic;  
determining battery type based upon at least one query response received from the operator; and  
testing the battery based upon a measurement of a parameter of the battery and the at least one query response received from the operator.

29. (Original) The method of claim 28 including retrieving the query from a memory.

30. (Original) The method of claim 29 wherein the memory contains a relationship between a query response and a battery type.

31. (cancelled)

32. (Original) The method of claim 28 wherein the parameter comprises a dynamic parameter.

33. (Original) The method of claim 28 including coupling to the battery with Kelvin connection.

34. (Original) The method of claim 28 wherein the parameter is a function of an applied forcing function having a time varying signal.

35. (Currently Amended) The method of claim 28 wherein the testing is based upon ~~the~~ a plurality of query responses.

36. (Currently Amended) The method of claim 28 including displaying ~~display~~ queries.

37. (Original) The method of claim 28 selecting a type of battery test based upon the query response.

38. (Original) The method of claim 28 wherein the query relates to observable physical construction of the battery.

39. (Original) The method of claim 28 wherein the query relates to a shape of the battery.

40. (Original) The method of claim 28 wherein the query relates to a color of the battery.

41. (Original) The method of claim 28 wherein the query relates to caps on the battery.

42. (Original) The method of claim 28 wherein the query relates to a tube connected to the battery.

43. (Original) The method of claim 28 wherein the query relates to a visible liquid level of the battery.

44. (Original) The method of claim 28 wherein the query relates to a "magic eye" on the battery.

45. (Original) The method of claim 28 wherein the query relates to the brand label on the battery.

46. (Original) The method of claim 28 wherein the battery type comprises sealed lead acid.

47. (Original) The method of claim 28 wherein the battery type comprises vented lead acid.

48. (Original) The method of claim 28 wherein the battery type comprises spiral.

49. (Original) The method of claim 28 wherein the battery type comprises deep cycle.

50. (Original) The method of claim 28 wherein the battery type comprises an electrolyte gelatin.

51. (Original) The method of claim 28 wherein the battery type comprises an absorbed glass matt.

52. (Original) The method of claim 28 wherein the battery type comprises starting, lighting, ignition battery.

53. (Original) The method of claim 28 wherein the battery type comprises sealed flooded.

54. (Original) The method of claim 28 wherein the battery type comprises antimony.

55. (Original) The method of claim 28 wherein the battery type comprises hybrid.